

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055875.D
 Acq On : 2 Dec 2022 15:43
 Operator : CG/JU
 Sample : N5833-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Dec 03 04:29:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	32306	20.000	ng	0.00
21) Naphthalene-d8	11.025	136	143735	20.000	ng	-0.01
39) Acenaphthene-d10	14.827	164	110782	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	252540	20.000	ng	0.00
76) Chrysene-d12	21.854	240	234637	20.000	ng	-0.01
86) Perylene-d12	25.232	264	249306	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	226566	126.764	ng	0.00
7) Phenol-d6	7.353	99	307771	129.359	ng	0.00
23) Nitrobenzene-d5	9.374	82	193498	71.154	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	167071	107.100	ng	-0.01
45) 2-Fluorobiphenyl	13.452	172	524352	70.909	ng	0.00
79) Terphenyl-d14	20.156	244	853058	72.718	ng	0.00

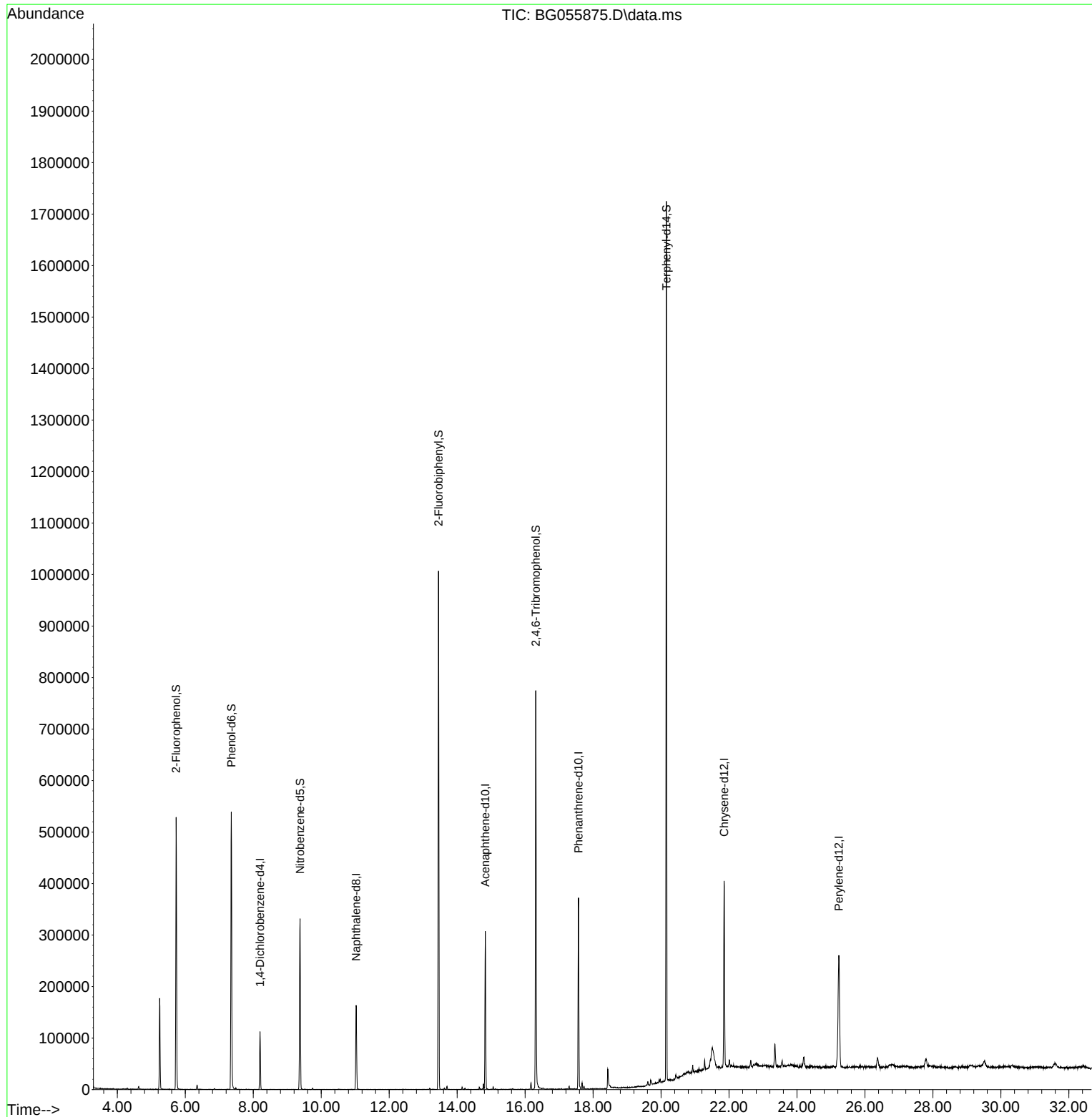
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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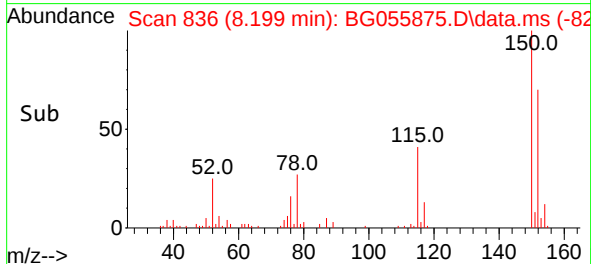
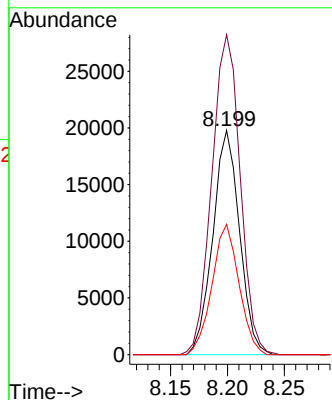
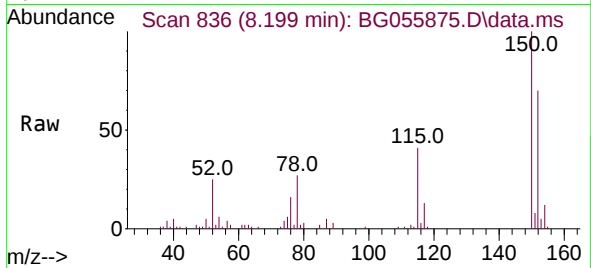




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.199 min Scan# 845
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

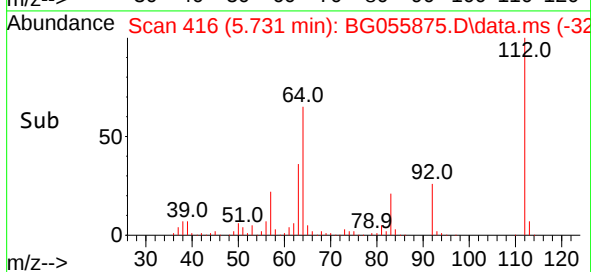
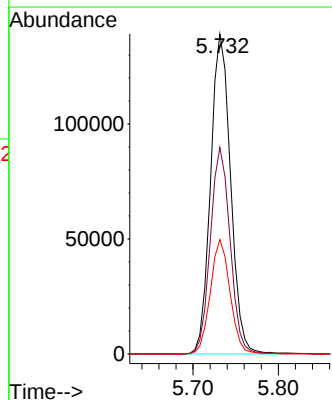
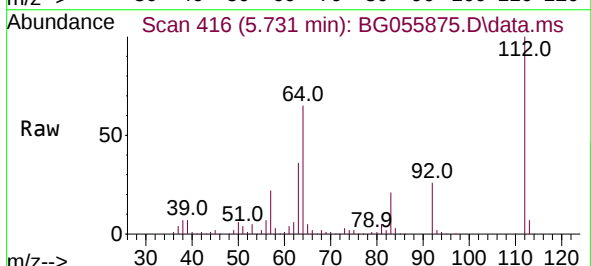
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:152 Resp: 32306
Ion Ratio Lower Upper
152 100
150 142.7 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 126.764 ng
RT: 5.731 min Scan# 416
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:112 Resp: 226566
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 35.7 27.5 41.3

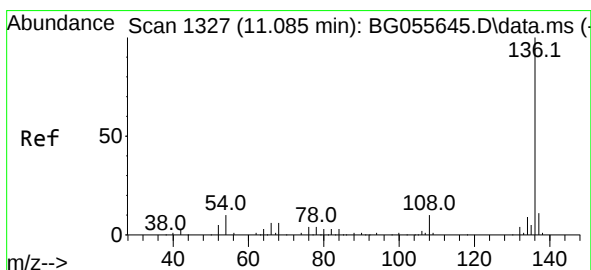
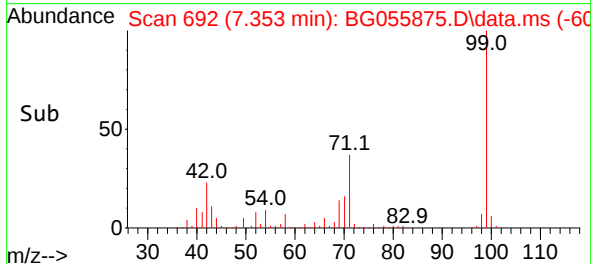
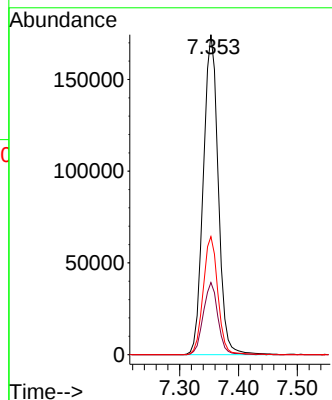
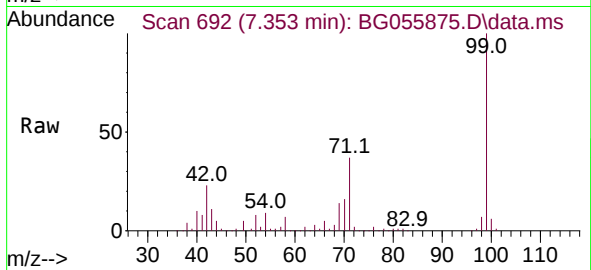




#7
Phenol-d6
Concen: 129.359 ng
RT: 7.353 min Scan# 69
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

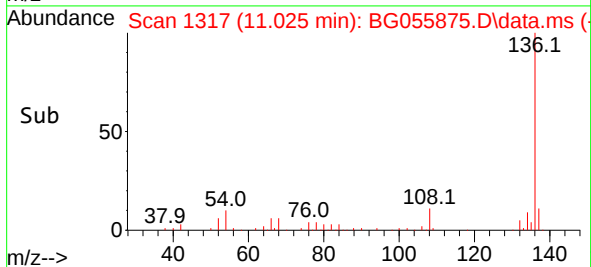
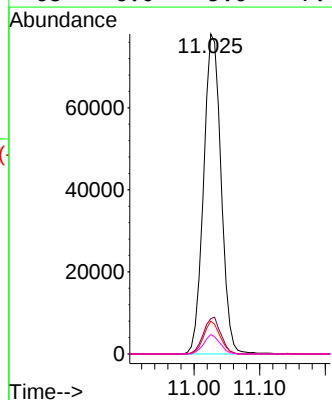
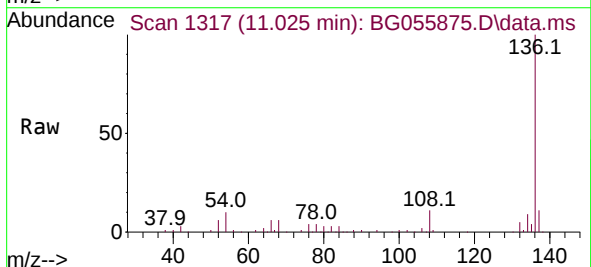
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion: 99 Resp: 307771
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 36.9 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 1317
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion: 136 Resp: 143735
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 10.2 7.8 11.6
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 71.154 ng

RT: 9.374 min Scan# 1045

Delta R.T. -0.012 min

Lab File: BG055875.D

Acq: 2 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

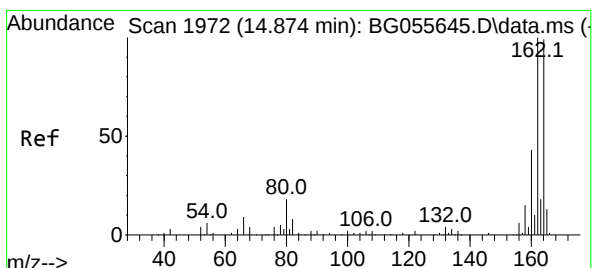
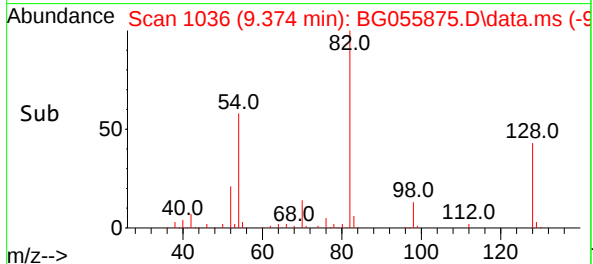
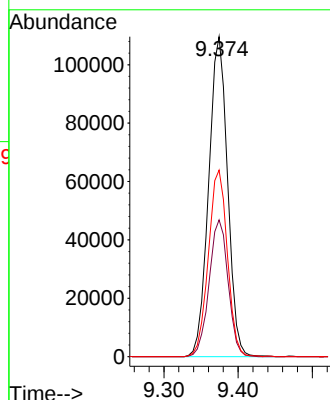
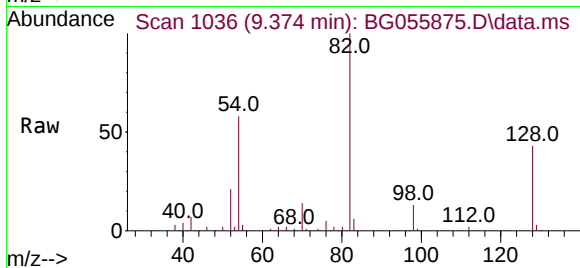
Tgt Ion: 82 Resp: 193498

Ion Ratio Lower Upper

82 100

128 42.7 34.1 51.1

54 58.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.827 min Scan# 1964

Delta R.T. -0.012 min

Lab File: BG055875.D

Acq: 2 Dec 2022 15:43

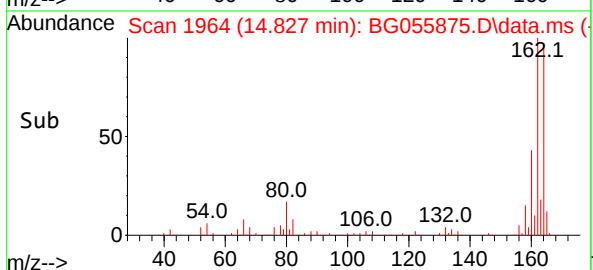
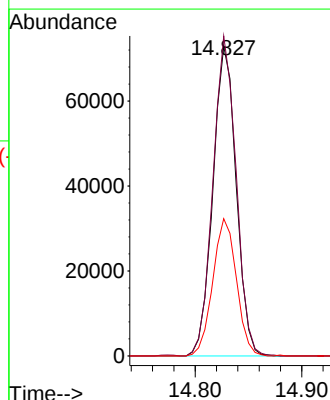
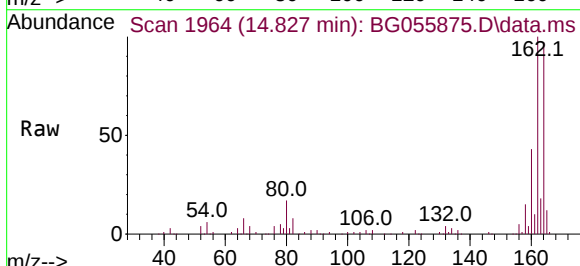
Tgt Ion:164 Resp: 110782

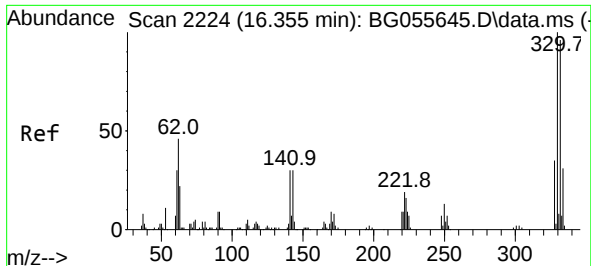
Ion Ratio Lower Upper

164 100

162 103.3 81.1 121.7

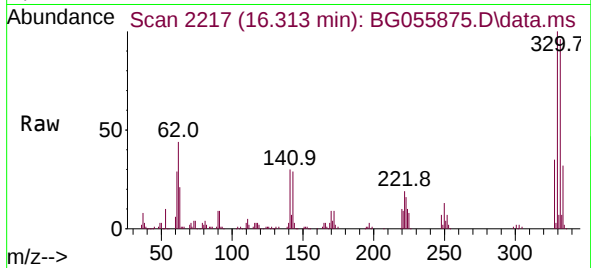
160 44.3 34.8 52.2



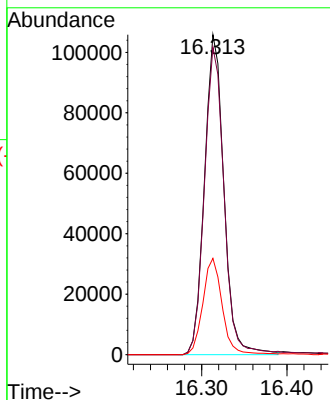
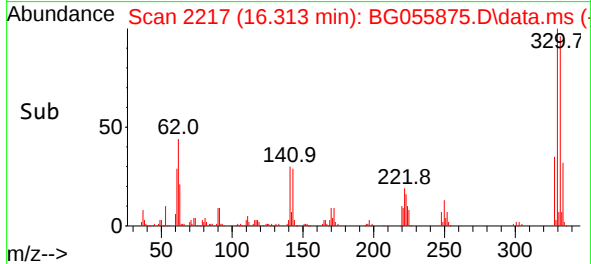


#42
2,4,6-Tribromophenol
Concen: 107.100 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

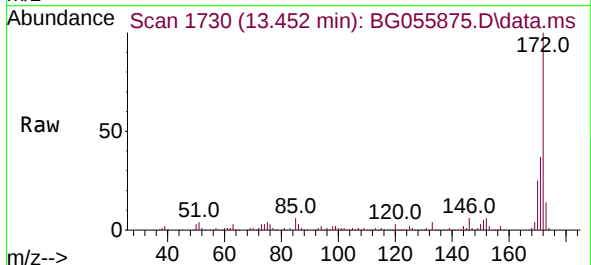
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1



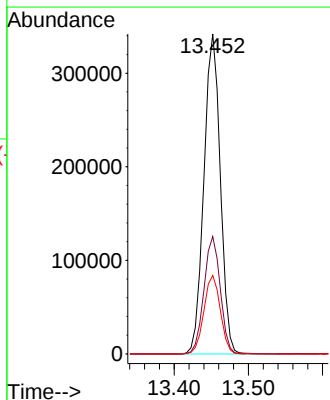
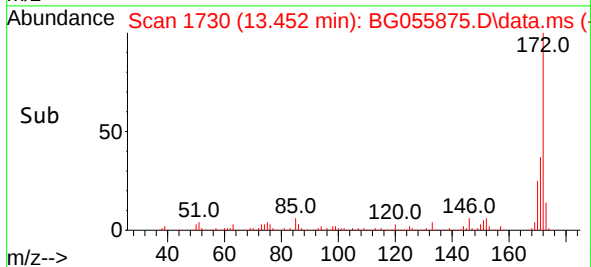
Tgt Ion:330 Resp: 167071
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 30.3 23.9 35.9

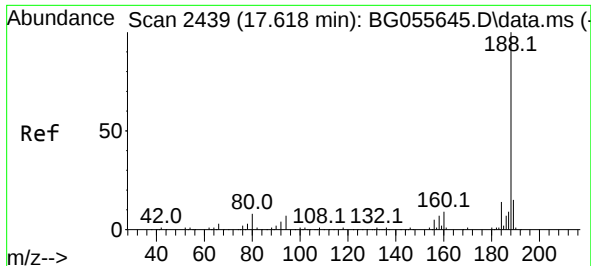


#45
2-Fluorobiphenyl
Concen: 70.909 ng
RT: 13.452 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43



Tgt Ion:172 Resp: 524352
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.5 20.2 30.4

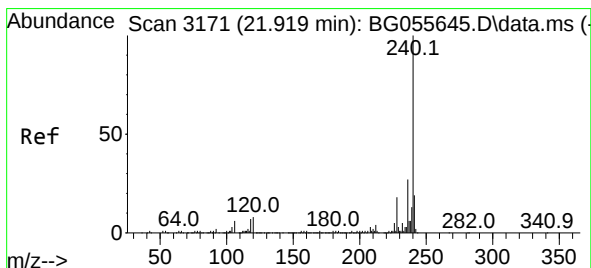
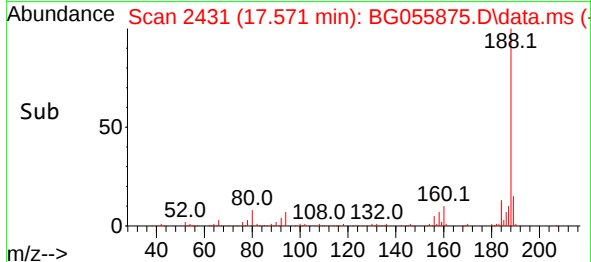
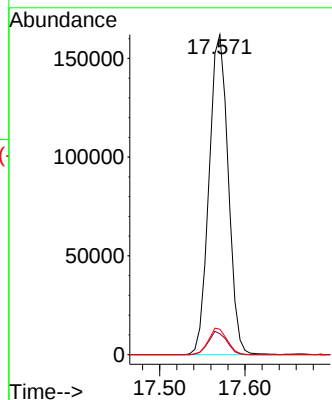
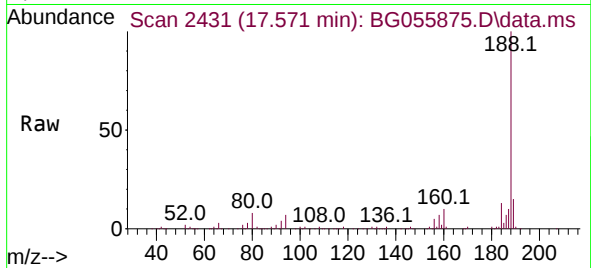




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

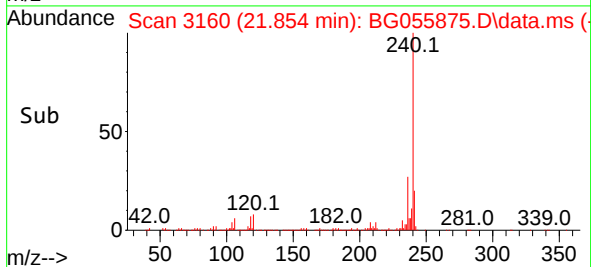
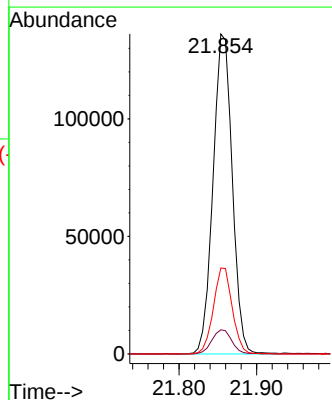
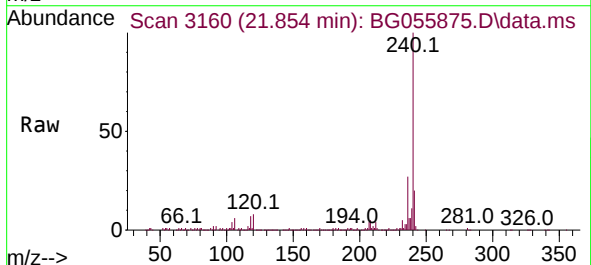
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

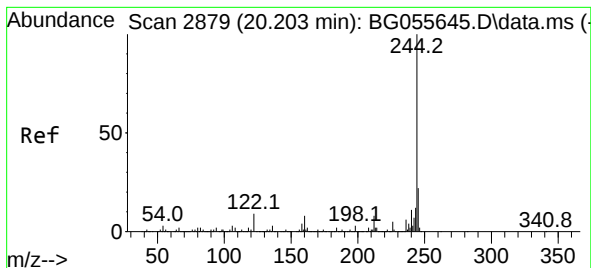
Tgt Ion:188 Resp: 252540
Ion Ratio Lower Upper
188 100
94 6.5 5.4 8.2
80 7.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:240 Resp: 234637
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.8 21.9 32.9





#79

Terphenyl-d14

Concen: 72.718 ng

RT: 20.156 min Scan# 2879

Delta R.T. -0.006 min

Lab File: BG055875.D

Acq: 2 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1

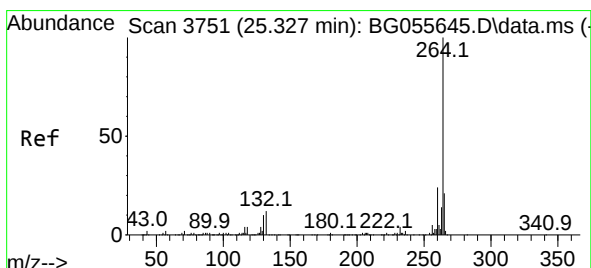
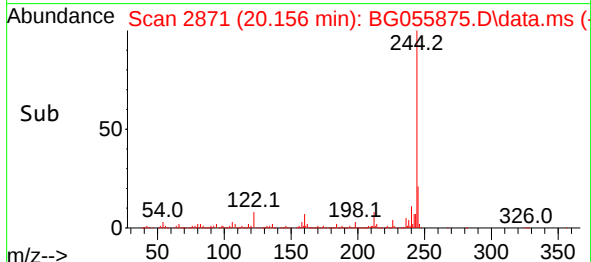
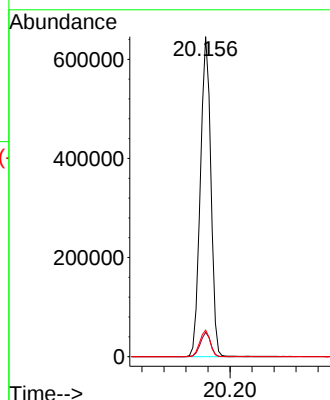
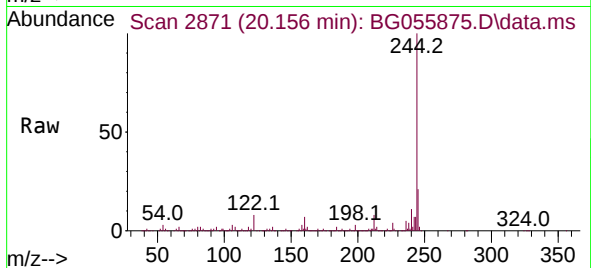
Tgt Ion:244 Resp: 853058

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

122 8.3 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.232 min Scan# 3735

Delta R.T. -0.018 min

Lab File: BG055875.D

Acq: 2 Dec 2022 15:43

Tgt Ion:264 Resp: 249306

Ion Ratio Lower Upper

264 100

260 25.5 19.5 29.3

265 23.1 17.1 25.7

